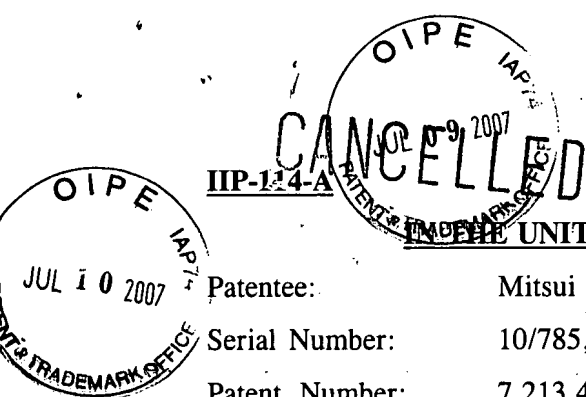


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**UNITED STATES PATENT AND TRADEMARK OFFICE**

Patentee: Mitsui Confirmation Number 1663  
Serial Number: 10/785,130 Filed: 24 February 2004  
Patent Number: 7,213,479 Issued: 08 May 2007  
Group Art Unit: 3682 Examiner: J. M. Krause  
Title: Vibratory Mechanism And Vibratory Roller

**REQUEST FOR ISSUANCE OF A CERTIFICATE OF CORRECTION OF  
APPLICANT'S MISTAKE UNDER 37 CFR §1.323 AND OF  
PATENT OFFICE MISTAKE UNDER 37 CFR §1.322**

Attention Certificate Of Corrections Branch  
Commissioner For Patents  
Post Office Box 1450  
Alexandria, Virginia 22313-1450

**Certificate**

**JUL 11 2007**

**of Correction**

Sir:

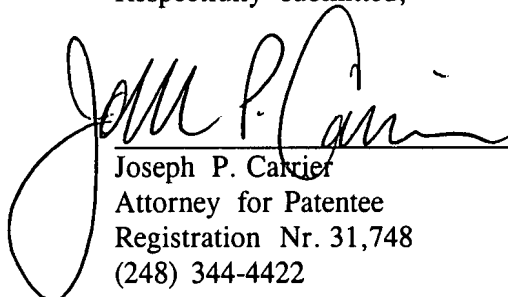
In connection with the identified patent, Patentee respectfully requests the issuance of a Certificate Of Correction as enclosed herewith in duplicate.

In proofreading the patent, mistakes were found which were due to Patent Office and applicant error. Accordingly, also enclosed herewith is a check in the amount of \$100.00, as required by 37 CFR §1.20(a).

Favorable consideration is respectfully requested.


Respectfully submitted,

Customer Number 21828  
Carrier, Blackman & Associates, P.C.  
24101 Novi Road, Suite 100  
Novi, Michigan 48375  
03 July 2007

  
Joseph P. Carrier  
Attorney for Patentee  
Registration Nr. 31,748  
(248) 344-4422

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Attention Certificate Of Corrections Branch, Commissioner For Patents, Post Office Box 1450, Alexandria, Virginia 22313-1450 on 05 July 2007.

Dated: 05 July 2007  
JPC/eb  
enclosures

  
Erica Briggs

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**JUL 11 2007**

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,213,479 B2

page 1 of 3

DATED : 08 May 2007

INVENTOR(S) : Mitsui

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### Column 2:

- Line 20, change "ups-and-downs" to -- up-and-down --.
- Line 25, change "ups-and-downs" to -- up-and-down --.
- Line 35, change "A vibration proof" to -- A vibration-proof --.
- Line 55, change "constant  $K_1$  and  $K_2$  are" to -- constants  $K_1$  and  $K_2$  are --.
- Line 56, change "a negligibly small values" to -- negligibly small values --.

### Column 4:

- Line 2, change "the second the vibratory" to -- the second vibratory --.

### Column 5:

- Lines 23-24, change "vibration proof rubber" to -- vibration-proof rubber --.
- Lines 24-25, change "such as an hydraulic" to -- such as a hydraulic --.
- Line 30, change "Each of bearings" to -- Each of the bearings --.
- Line 37, change "such as an hydraulic" to -- such as a hydraulic --.

### Column 6:

- Line 39, change "one of shoulders" to -- one of the shoulders --.
- Line 40, change "20 eccentric weight" to -- eccentric weight --.
- Line 41, change "anti-clockwise" to -- anticlockwise --.
- Line 51, change "one of fixed" to -- one of the fixed --.

### Column 7:

- Line 10, change "at opposing-ends across" to -- at opposing ends across --.
- Line 13, change "one of shoulders" to -- one of the shoulders --.
- Line 67, change "anti-clockwise" to -- anticlockwise --.

### Column 8:

- Line 3, change "one of shoulders" to -- one of the shoulders --.
- Line 5, change "the center of the gravity" to -- the center of gravity --.

### MAILING ADDRESS OF SENDER:

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PATENT NO. 7,213,479 B2  
IIP-114-A

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PATENT NO. : 7,213,479 B2

page 2 of 3

DATED : 08 May 2007

INVENTOR(S) : Mitsui

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### Column 8 (continued):

- Line 10, change "anti-clockwise" to --anticlockwise--.
- Line 13, change "the other of shoulders" to --the other of the shoulders--.
- Line 21, change "anti-clockwise" to --anticlockwise--.
- Line 54, change "rotate in anticlockwise" to --rotate anticlockwise--.
- Line 61, change "rotate in anticlockwise" to --rotate anticlockwise--.

### Column 9:

- Line 42, after " $(m_3r_3 + m_4r_4)$ " insert a period.
- Line 44, change "lower-side" to --lower side--.
- Line 48, change "FIG. 3A through FIG. 3D illustrates" to --FIG. 3A through FIG. 3D illustrate--.
- Line 59, change "difference of them" to --difference between them--.

### Column 10:

- Line 9, change "rotate in clockwise" to --rotate clockwise--.
- Line 12, change "lower-side" to --lower side--.
- Line 28, change "rotate in anticlockwise" to --rotate anticlockwise--.
- Line 31, change "lower-side" to --lower side--.
- Line 64, change "because of following-reasons." to --because of the following reasons.--.

### Column 11:

- Line 15, change "the drum weights" to --the drum weight--.
- Line 18, change "ups-and-downs directions" to --up-and-down directions--.
- Line 25, delete "mr(stan-".
- Line 26, change "dard" to --mr(standard--.
- Line 57, change "(horizontal vibration))/" to --(horizontal vibration))/155--.
- Line 58, delete "155"; change "vibration))=0.31" to --vibration)= 0.31--.

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page 3 of 3

DATED : 08 May 2007

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 12:

Line 67, change "anti-clockwise" to --anticlockwise--.

Column 13:

Line 23, change "inside-circumference" to --inside circumference--.

Line 38, change "eccentric moment  $m_3r_3$ " to --eccentric moment  $m_3r_3$ --.

Line 58, change "numbers of the vibratory shaft" to --numbers of vibratory shafts--.

Column 14:

Line 5, change "Although there have" to --Although there has--.

Column 15:

Line 13, change "fixed to first the" to --fixed to the first--.

Line 17, change "fixed to second the" to --fixed to the second--.

Column 16:

Line 14, change "are asymmetrically located" to --are axisymmetrically located--.

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Column 2:

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